Bruhat Bangalore Mahanagara Palike

Excecutive Engineer Dasharahalli Project Division

lame of Work : Modified Estimate for Repairs to chain link fencing and ssm wall at shooting building road in Mallasandra ward No-13 Shettyhalli Sub division

I.No	Description of work	Mesurement				Qty	Unit	Rate	Amount
		Nos	L	B	D				
1	KSRB 2-2.2 : **Earthwork excavation for foundation of buildings,** water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5. (P.No. 5/I.No. 2.4 of CSR 2015-16)								
	From shettihalli sub -division								
	RHS	1	23.15	1.00	1.00	23.15			
		1	10.30	1.00	1.00	10.30			
		1	13.40	1.00	1.00	13.40			
		1	8.23	1.00	1.00	8.23			
		1	7.70	1.00	1.00	7.70			
		1	30.00	1.00	1.00	30.00			
		1	14.50	1.00	1.00	14.50			
		1	30.00	1.00	1.00	30.00			
		1	22.30	1.00	1.00	22.30			
		1	23.10	1.00	1.00	23.10			
		1	23.63	1.00	1.00	23.63			
	LHS (NEAR RAVINDRA NAGAR)	1	29.70	1.00	1.00	29.70			
	Over Burden Earth	1	30.00	1.50	0.70	31.50			
					Total Modified Qty	**267.51**			
					Total Scheduled-B Qty	**100.00**			
					Qty Upto 125%	**125.00**	**Cum**	**400.00**	**50000.00**
					Qty Above 125%	**142.51**	**Cum**	**398.14**	**56738.93**
	Providing and laying in position plain **cement concrete of mix 1:3:6** with opc cement @220kgs with 20 mm and down size graded granite metal course aggregate @0.84cum and fine aggregates @0.56 cum machine mixed,laid in layers not exceeding 15cms thick well compacted in foundation,plinth and cills including cost of all materials,labour,HOM OF machinary, curing complete as per specification (Pg No-12.Item No.4.2)								
	From shettihalli sub -division								
	RHS	1	23.15	1.00	0.15	3.47			
		1	10.30	1.00	0.15	1.55			
		1	13.40	1.00	0.15	2.01			
		1	8.23	1.00	0.15	1.23			
		1	7.70	1.00	0.15	1.16			
		1	30.00	1.00	0.15	4.50			
		1	14.50	1.00	0.15	2.18			
		1	30.00	1.00	0.15	4.50			
		1	22.30	1.00	0.15	3.35			

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Description of work	Measurement				Qty	Unit	Rate	Amount
	Nos	L	B	D				
	1	23.10	1.00	0.15	3.47			
	1	23.63	1.00	0.15	3.54			
LHS (NEAR RAVINDRA NAGAR)	1	29.70	1.00	0.15	4.46			
				Total Modified Qty	35.40			
				Total Scheduled B Qty	15.00			
				Qty Upto 125%	18.75	Cum	5400.00	101250.00
				Qty Above 125%	16.65	Cum	5348.86	89066.54
Filling Available excavated earth(excluding rock) inside cum of foundation upto plinth in layers not exceeding 20cm in depth compacting each deposited layer by ramming after watering with lead upto 50mtr and lift upto 1.5mtr including cost of all labour etc complete as per specification, specification No. KBS 2.9(Item No.2.10 Page No.6) SR 2016-17.								
50% of Qty As Per Item No.1					133.76			
				Total Modified Qty	133.76			
				Total Scheduled B Qty	50.00			
				Qty Upto 125%	62.50	Cum	130.00	8125.00
				Qty Above 125%	71.26	Cum	134.62	9592.35
KSRB 5.4.4 : Providing and constructing granite / **trap / basalt size stone masonry** in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13								
Foundation For Chain link Fencing								
From shettihalli sub- division								
RHS For Chain link Fencing	1	23.15	0.75	0.75	13.02			
	1	10.30	0.60	0.75	4.64			
	1	13.40	0.60	0.75	6.03			
	1	8.33	0.75	0.75	4.63			
	1	7.70	0.60	0.75	3.47			
	1	30.00	0.75	0.75	16.88			
	1	14.50	0.75	0.75	8.16			
	1	30.00	0.75	0.75	16.88			
	1	22.30	0.75	0.75	12.54			
	1	23.10	0.60	0.75	10.40			
	1	23.63	0.60	0.75	10.63			
LHS (NEAR RAVINDRA NAGAR)	1	29.70	0.60	0.75	13.37			
				Total Modified Qty	120.62			
				Total Scheduled B Qty	56.00			
				Qty Upto 125%	70.00	Cum	6000.00	420000.00
				Qty Above 125%	50.62	Cum	5908.55	299118.87

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No	Description of work	Mesurement				Qty	Unit	Rate	Amount
		Nos	L	B	D				
5	KSRB 5.3-3 : Providing and constructing granite / trap / **basalt size stone masonry** in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13(BCSR 2016-2017, Page 23, Item No 5.9)								
	From shettihalli sub -division								
	RHS	1	23.15	0.45	0.40	4.17			
		1	10.30	0.45	0.40	1.85			
		1	13.40	0.45	0.40	2.41			
		1	8.23	0.45	0.40	1.48			
		1	7.70	0.45	0.40	1.39			
		1	30.00	0.45	0.40	5.40			
		1	14.50	0.45	0.40	2.61			
		1	30.00	0.45	0.40	5.40			
		1	22.30	0.45	0.40	4.01			
		1	23.10	0.45	0.40	4.16			
		1	23.63	0.45	0.40	4.25			
	LHS (NEAR RAVINDRA NAGAR)	1	29.70	0.45	0.40	5.35			
						Total Modified Qty	42.48		
						Total Scheduled-B Qty	145.71		
						Qty Upto 125%	42.48	Cum	5400.00	229401.72
6	KSRB 4-1.5 : Providing and laying in **position plain cement concrete of mix M20 w**ith OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.5 of PWD SR 2015-16)								
	From shettihalli sub -division								
	RHS	1	23.15	0.45	0.10	1.04			
		1	10.30	0.45	0.10	0.46			
		1	13.40	0.45	0.10	0.60			
		1	8.23	0.45	0.10	0.37			
		1	7.70	0.45	0.10	0.35			
		1	30.00	0.45	0.10	1.35			
		1	14.50	0.45	0.10	0.65			
		1	30.00	0.45	0.10	1.35			
		1	22.30	0.45	0.10	1.00			
		1	23.10	0.45	0.10	1.04			
		1	23.63	0.45	0.10	1.06			
	LHS (NEAR RAVINDRA NAGAR)	1	29.70	0.45	0.10	1.34			

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I.No	Description of work	Mesurement				Qty	Unit	Rate	Amount
		Nos	L	B	D				
	For MS Poles	112	0.30	0.45	0.40	6.05			
					Total Modified Qty	16.67			
					Total Scheduled-B Qty	27.40			
					Qty Upto 125%	16.67	Cum	5900.00	98343.86
7	Supplying and fixing **M.S. Rectangular poles** made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1 :2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 ems. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) (BCSR 2016-2017, Page 262, Item No 37.2)								
	For MS PolesFor Fencing	112			3.00	336.00			
					Total Modified Qty	336.00			
					Total Scheduled-B Qty	204.00			
					Qty Upto 125%	255.00	Mtr	850.00	216750.00
					Qty Above 125%	81.00	Mtr	868.16	70320.96
8	Providing and fixing **M.S. Block pipe of 38mm dia,** of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint (BCSR 2016-2017, Page 262, Item No 37.4)								
	From shettihalli sub -division								
	RHS For Chain link Fencing	3	23.15			69.45			
		3	10.30			30.90			
		3	13.40			40.20			
		3	8.23			24.69			
		3	7.70			23.10			
		3	30.00			90.00			
		3	14.50			43.50			
		3	30.00			90.00			
		3	22.30			66.90			
		3	23.10			69.30			
		3	23.63			70.89			
	LHS (NEAR RAVINDRA NAGAR)	3	29.70			89.10			
					Total Modified Qty	708.03			
					Total Scheduled-B Qty	600.00			
					Qty Upto 125%	708.03	Cum	320.00	226569.60

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NO	Description of work	Mesurement				Qty	Unit	Rate	Amount
		Nos	L	B	D				
9	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint (BCSR 2016-2017, Page 262, Item No 37.3)								
	From shettihalli sub -division								
	RHS For Chain link Fencing	1	23.15		1.80	41.67			
		1	10.30		1.80	18.54			
		1	13.40		1.80	24.12			
		1	8.23		1.80	14.81			
		1	7.70		1.80	13.86			
		1	30.00		1.80	54.00			
		1	14.50		1.80	26.10			
		1	30.00		1.80	54.00			
		1	22.30		1.80	40.14			
		1	23.10		1.80	41.58			
		1	23.63		1.80	42.53			
	LHS (NEAR RAVINDRA NAGAR)	1	29.70		1.80	53.46			
					Total Modified Qty	424.82			
					Total Scheduled-B Qty	500.00			
					Qty Upto 125%	424.82	Sqm	700.00	297372.60
10	KSRB 15-18.1 : Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications.								
	From shettihalli sub -division								
	RHS For Chain link Fencing	2	23.15		1.80	83.34			
		2	10.30		1.80	37.08			
		2	13.40		1.80	48.24			
		2	8.23		1.80	29.63			
		2	7.70		1.80	27.72			
		2	30.00		1.80	108.00			
		2	14.50		1.80	52.20			
		2	30.00		1.80	108.00			
		2	22.30		1.80	80.28			
		2	23.10		1.80	83.16			
		2	23.63		1.80	85.07			
	LHS (NEAR RAVINDRA NAGAR)	2	29.70		1.80	106.92			
					Total Modified Qty	849.64			

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No	Description of work	Mesurement				Qty	Unit	Rate	Amount
		Nos	L	B	D				
					Total Scheduled-B Qty	1250.00			
					Qty Upto 125%	849.64	Sqm	30.00	25489.08
1	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. (Page No. 120 Item No. 15.74 of SR 2015-16).								
	From shettihalli sub -division								
	RHS For Chain link Fencing	2	23.15		1.80	83.34			
		2	10.30		1.80	37.08			
		2	13.40		1.80	48.24			
		2	8.23		1.80	29.63			
		2	7.70		1.80	27.72			
		2	30.00		1.80	108.00			
		2	14.50		1.80	52.20			
		2	30.00		1.80	108.00			
		2	22.30		1.80	80.28			
		2	23.10		1.80	83.16			
		2	23.63		1.80	85.07			
	LHS (NEAR RAVINDRA NAGAR)	2	29.70		1.80	106.92			
					Total Modified Qty	849.64			
					Total Scheduled-B Qty	1250.00			
					Qty Upto 125%	849.64	Sqm	85.00	72219.06
								Total Construction Cost	2270358.56
								Micelleneous and Rounding off	785.44
								Grand Total	2271144.00

Asst Engineer

Asst.Executive Engineer
Project Sub Division

Executive Engineer
Project Division, Dasarahalli

ನಂ.CE/D2/TS/08/18-19 ದಿನಾಂಕ : 26/12/2018.
ರೂ. 22.72 Lakhs Only (Rs. Twenty two Lakhs Seventy Lakhs Only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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